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American Petroleum Institute
1220 L Street, Northwest
Washington, D.C. 20005

weekly statistical bulletin

FINANCE, ACCOUNTING AND STATISTICS DEPARTMENT
VOL. 69 For Week Ended August 12, 1988 NO. 32

SUMMARY*

(In Thousands of 42-gallon barrels per day except stocks which are in thousands of barrels)
(All data are estimates made by the API based on data from reporting companies)

	Current Week Ending: 08/12/88	Last Week Ending: 08/05/88	Last Year Week Ending: 08/14/87	Change From Last Week	Change From Last Year
Refinery Operations					
Input to crude oil distillation units	13,947	13,984	13,650	-37	297
Operable capacity	15,917	15,917	15,692	0	225
Percent operated	87.6	87.9	87.0		
Motor Gasoline					
Total motor gasoline production	6,946	7,192	7,098	-246	-152
Finished leaded motor gasoline production	1,295	1,403	1,666	-108	-371
Finished unleaded motor gasoline production	5,651	5,789	5,432	-138	219
Total motor gasoline stocks	214,403	212,950	227,202	1,453	-12,799
Finished leaded motor gasoline stocks	44,268	43,548	53,394	720	-9,126
Finished unleaded motor gasoline stocks	133,439	133,200	134,181	239	-742
Jet Fuel Kerosine					
Jet fuel kerosine production	1,101	1,150	1,212	-49	-111
Jet fuel kerosine stocks	40,051	39,566	40,635	485	-584
Distillate Fuel Oil					
Distillate fuel oil production	2,805	2,734	2,629	71	176
Distillate fuel oil stocks	120,927	119,483	119,617	1,444	1,310
Residual Fuel Oil					
Residual fuel oil production	842	903	946	-61	-104
Residual fuel oil stocks	40,803	40,209	41,777	594	-974
Imports					
Crude oil imports	5,563	5,749	5,659	-186	-96
Product imports	1,930	1,742	2,328	188	-398
Crude Oil Stocks					
Crude oil stocks	344,316	347,922	323,623	-3,606	20,693
Crude Supply Balance	-280				

*See definitions on page 6.

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FINANCE, ACCOUNTING AND STATISTICS DEPARTMENT

VOL. 69 For Week Ended August 12, 1988 NO. 32

U.S. REFINERY OPERATIONS

(Daily averages in thousands of 42-gallon barrels)

DISTRICT	Total Refinery Input	Crude Oil Runs to Distillation Units	Input to Crude Oil Distillation Units	Operable Capacity	% Operated
East Coast	1,608	1,345	1,355	1,380	98.2
Appal. No. 1	111	108	108	107	100.9
DISTRICT 1 TOTAL	1,719	1,453	1,463	1,487	98.4
Ind., Ill., Ky.	2,198	2,063	2,104	2,254	93.3
Minn., Wisc., Daks.	346	346	346	312	110.9
Okla., Kans., Mo.	734	707	711	718	99.0
DISTRICT 2 TOTAL	3,278	3,116	3,161	3,284	96.3
Inland Texas	478	460	466	564	82.6
Texas Gulf Coast	3,478*	3,263*	3,282*	3,580	91.7*
La. Gulf Coast	2,325	2,099	2,143	2,908	73.7
N. La. and Ark.	189	181	184	252	73.0
New Mexico	83	75	75	76	98.7
DISTRICT 3 TOTAL	6,553*	6,078*	6,150*	7,380	83.3*
DISTRICT 4 TOTAL	519	512	519	535	97.0
DISTRICT 5 TOTAL	2,654	2,617	2,654	3,231	82.1
TOTAL U.S.	14,723	13,776	13,947	15,917	87.6
TOTAL U.S. Weeks Ended:					
AUG. 5, 1988	14,893*	13,812*	13,984*	15,917	87.9*
AUG. 14, 1987	14,752	13,364	13,650	15,692	87.0
DISTRICTS 1-4 Weeks Ended:					
AUG. 12, 1988	12,069	11,159	11,293	12,686	89.0
AUG. 5, 1988	12,173*	11,152*	11,281*	12,686	88.9*
AUG. 14, 1987	12,043	10,822	11,033	12,433	88.7

* See Revisions on Page 8.

API WEEKLY STATISTICAL BULLETIN

Week Ended August 12, 1988

U.S. REFINERY OUTPUT

(Daily averages in thousands of 42-gallon barrels)

DISTRICT	Total Motor Gasoline[1]	Motor Gasoline: Finished Leaded	Motor Gasoline: Finished Unleaded	Jet Fuel: Naphtha Type	Jet Fuel: Kerosine Type	Distillate Fuel Oil[2]	Residual Fuel Oil
East Coast	672	28	644	30	83	269	137
Appal. No. 1	41	6	35	--	--	35	2
DISTRICT 1 TOTAL	713	34	679	30	83	304	139
Ind., Ill., Ky.	1,182	182	1,000	13	140	360	61
Minn., Wisc., Daks.	176	40	136	--	17	85	8
Okla., Kans., Mo.	360	123	237	7	19	189	3
DISTRICT 2 TOTAL	1,718	345	1,373	20	176	634	72
Inland Texas	260	59	201	20	29	132	14
Texas Gulf Coast	1,572	233	1,339	17	225	621	138
La. Gulf Coast	1,110	195	915	47	229	463	146
N. La. and Ark.	59	13	46	5	4	51	6
New Mexico	43	16	27	11	1	18	--
DISTRICT 3 TOTAL	3,044	516	2,528	100	488	1,285	304
DISTRICT 4 TOTAL	255	98	157	14	22	133	11
DISTRICT 5 TOTAL	1,216*	302	914*	45	332	449	316
TOTAL U.S.	6,946	1,295	5,651	209	1,101	2,805	842
TOTAL U.S. Weeks Ended:							
AUG. 5, 1988	7,192*	1,403	5,789*	230	1,150	2,734	903
AUG. 14, 1987	7,098	1,666	5,432	214	1,212	2,629	946
DISTRICTS 1-4 Weeks Ended:							
AUG. 12, 1988	5,730	993	4,737	164	769	2,356	526
AUG. 5, 1988	6,012	1,108	4,904	168	829	2,325	532
AUG. 14, 1987	5,817	1,348	4,469	158	868	2,253	542

[1]Total motor gasoline is equal to the sum of finished leaded and finished unleaded motor gasoline.

[2]Includes Grade No. 4 fuel oil.

* See Revisions on Page 8.

API WEEKLY STATISTICAL BULLETIN

Week Ended August 12, 1988

STOCKS OF SELECTED PRODUCTS

(In thousands of 42-gallon barrels)

DISTRICT	Total Motor Gasoline[1]	Motor Gasoline			Jet Fuel		Distillate Fuel Oil[2]	Residual Fuel Oil	Unfinished Oils
		Finished Leaded	Finished Unleaded	Blending Components	Naphtha Type	Kerosine Type			
New England	3,610	585	3,024	1	81	353	5,301	986	--
Central Atlantic	27,283	4,183	18,145	4,955	645	5,713	25,189	12,219	13,504
Lower Atlantic	30,233	6,097	23,925	211	587	4,980	14,986	2,662	546
DISTRICT 1 TOTAL	61,126	10,865	45,094	5,167	1,313	11,046	45,476	15,867	14,050
DISTRICT 2 TOTAL	57,904	14,913	35,670	7,321	1,131	7,617	30,953	4,261	16,783
DISTRICT 3 TOTAL	62,241*	10,930*	36,878*	14,433	2,805	13,292	30,100	12,752	51,189*
DISTRICT 4 TOTAL	5,690	1,780	2,375	1,535	368	748	3,192	502	2,121
DISTRICT 5 TOTAL	27,442	5,780	13,422	8,240	1,393	7,348	11,206*	7,421*	29,236
TOTAL U.S.	214,403	44,268	133,439	36,696	7,010	40,051	120,927	40,803	113,379
TOTAL U.S. Weeks Ended:									
AUG. 5, 1988	212,950*	43,548*	133,200*	36,202	7,070	39,566	119,483*	40,209*	112,718*
AUG. 14, 1987	227,202	53,394	134,181	39,627	7,547	40,635	119,617	41,777	103,611
DISTRICTS 1-4 Weeks Ended:									
AUG. 12, 1988	186,961	38,488	120,017	28,456	5,617	32,703	109,721	33,382	84,143
AUG. 5, 1988	185,525*	37,950*	119,485*	28,090	5,480	32,209	107,411	32,463	83,728*
AUG. 14, 1987	196,623	46,455	118,091	32,077	5,322	34,933	109,834	33,985	81,135

[1]Total motor gasoline stocks is equal to the sum of finished leaded stocks, finished unleaded stocks and motor gasoline blending components.

[2]Includes Grade No. 4 fuel oil.

* See Revisions on Page 8.

WEEKLY STATISTICAL BULLETIN
Week Ended August 12, 1988

ESTIMATED DOMESTIC PRODUCTION OF CRUDE OIL (INCLUDING LEASE CONDENSATE), IMPORTS, CRUDE OIL SUPPLY BALANCE AND STOCKS OF CRUDE OIL

(In thousands of 42-gallon barrels)

Weeks Ended:	Estimated Domestic Production[1] API Monthly	Estimated Domestic Production[1] Latest Dept. of Energy Mar. 1988	Crude Oil Imports[1] Total	Crude Oil Imports[1] From Canada	Crude Oil Stocks By Location[1]
	Daily Average				
DISTRICTS 1-4 TOTAL					
AUG. 12, 1988	5,106.0	5,177.0	5,415	595	270,873
AUG. 5, 1988	5,114.0*	--	5,375*	601*	277,158*
JUL. 29, 1988	5,114.0*	--	5,001	596	276,697
JUL. 22, 1988	5,114.0*	--	5,192	758	277,975
DISTRICT 5 TOTAL					
AUG. 12, 1988	3,057.0	3,163.0	148	11	73,443 #
AUG. 5, 1988	3,041.0*	--	374	10	70,764
JUL. 29, 1988	3,041.0*	--	76	9	70,871
JUL. 22, 1988	3,041.0*	--	90	29	71,738
TOTAL U.S.					
AUG. 12, 1988	8,163.0	8,340.0	5,563	606	344,316 #
AUG. 5, 1988	8,155.0*	--	5,749*	611*	347,922*
JUL. 29, 1988	8,155.0*	--	5,077	605	347,568
JUL. 22, 1988	8,155.0*	--	5,282	787	349,713
AUG. 14, 1987	8,210.0 a/	--	5,659	687	323,623

#INCLUDES 20,646 BBLS. OF ALASKAN CRUDE OIL IN TRANSIT BY WATER.

a/ DOE actual for August 1987.

DAILY AVERAGE CRUDE OIL SUPPLY BALANCE[1] (In thousands of 42-gallon barrels)

Week Ended:	Current	1987 Averages Absolute	1987 Averages Positive	1987 Averages Negative
AUG. 12, 1988	-280	468	550	-334

LOCATION OF CRUDE OIL STOCKS[1]

(In thousands of 42-gallon barrels)

Location	District 1	District 2	District 3	District 4	Districts 1-4	District 5	Total U.S.
Weeks Ended:							
AUG. 12, 1988	16,365	77,842	164,186	12,480	270,873	73,443 #	344,316 #
AUG. 5, 1988	15,760	78,286	170,384*	12,728	277,158*	70,764	347,922*
AUG. 14, 1987	17,270	67,926	155,878	11,302	252,376	71,247	323,623

[1]See definitional notes, Page 6.

* See Revisions on Page 8.

IMPORTS OF PETROLEUM PRODUCTS
(Daily averages in thousands of 42-gallon barrels)

DISTRICT	Total Motor Gasoline[1]	Motor Gasoline: Finished Leaded	Motor Gasoline: Finished Unleaded	Gasoline[2] Blending Components	Jet Fuel: Naphtha Type	Jet Fuel: Kerosine Type	Distillate Fuel Oil[3]	Residual Fuel Oil	L.P.G.	Unfinished Oils	Other	Total
New England	101	--	101	--	--	--	87	131	13	--	--	332
Central Atlantic	222	--	222	68	--	42	76	315	13	23	61	820
Lower Atlantic	--	--	--	--	--	--	--	71*	--	--	6	77*
DISTRICT 1 TOTAL												
AUG. 12, 1988	323	--	323	68	--	42	163	517	26	23	67	1,229
AUG. 5, 1988	431	32	399	68	--	45	153	440	9	132	63	1,341
JUL. 29, 1988	664	121	543	64	--	48	344	432*	39	129	112	1,832*
JUL. 22, 1988	439	62	377	144	6	81	141	294	31	203	55	1,394
DISTRICTS 2-4 TOTAL												
AUG. 12, 1988	14	--	14	33	4	30	5	59	149	162	203	659
AUG. 5, 1988	21	--	21	--	3	16	8	28	50	220	2	348
JUL. 29, 1988	59	--	59	--	3	17	8	55	167	336	214	859
JUL. 22, 1988	19	--	19	34	49	36	5	25	173	223	72	636
DISTRICT 5 TOTAL												
AUG. 12, 1988	18	--	18	--	--	6	2	9	5	2	--	42
AUG. 5, 1988	31	3	28	1	--	8	2	7	4	--	--	53
JUL. 29, 1988	28	--	28	1	--	8	3	44	9	4	--	97
JUL. 22, 1988	28	3	25	2	--	8	2	6	15	9	--	70
TOTAL U.S.	355	--	355	101	4	78	170	585	180	187	270	1,930
TOTAL U.S. Weeks Ended:												
AUG. 5, 1988	483	35	448	69	3	69	163	475	63	352	65	1,742
JUL. 29, 1988	751	121	630	65	3	73	355	531*	215	469	326	2,788*
JUL. 22, 1988	486	65	421	180	55	125	148	325	219	435	127	2,100
AUG. 14, 1987	424	16	408	67	5	20	535	582	158	208	329	2,328

[1]Total motor gasoline imports is equal to the sum of finished leaded imports and finished unleaded imports.

[2]Gasoline blending components are not included in total motor gasoline imports.

[3]Includes Grade No. 4 fuel oil.

* See Revisions on Page 8.

DEFINITIONAL NOTES

Page 3—Stocks of Selected Products

The inventories shown are stocks located at refineries, bulk terminals, and in pipelines and include stocks held by independent bulk terminal operators. These inventories include stocks not available for shipment, those available for current shipment, and those held in reserve for shipment during the high consuming season as a supplement to then current production. Stocks not available are those required for processing, held in tank bottoms, in pipeline fill, and in other equipment in order to assure continuous operations.

Stocks of unleaded and leaded motor gasoline represent only finished motor gasoline located at refineries, pipelines and bulk terminals A large portion of motor gasoline stocks at refineries consists of components which may be blended or compounded to produce either finished leaded or unleaded motor gasoline. Consequently, these stocks cannot be classified as either finished leaded or unleaded motor gasoline. The sum of finished leaded and unleaded motor gasoline stocks plus the components stocks equals total motor gasoline stocks.

Pages 3 and 5—Stocks and Imports of Petroleum Products

District 1 is composed of three areas which are described by the Department of Energy as follows:

New England—Maine, New Hampshire, Vermont, Massachusetts, Rhode Island, and Connecticut.
Central Atlantic—New York, New Jersey, Pennsylvania, Delaware, Maryland, and the District of Columbia.
Lower Atlantic—Virginia, West Virginia, North Carolina, South Carolina, Georgia, and Florida.

Page 4—Estimated Domestic Production

Monthly production represents an API estimate as of the first week of the month. This estimate may be revised at a subsequent date as more current information is received.

Crude Oil Imports

Crude oil (includes lease condensate) produced outside the 50 states. Material from the Athabasca tar sands is included.
Reported on a Port of Entry basis.
The Total of crude oil imports includes those from Canada.
Data do not include oil imported for the Strategic Petroleum Reserve.

Crude Oil Stocks by Location

Producer's stocks on leases are included.
Data do not include crude oil stocks held in the Strategic Petroleum Reserve.

Crude Supply Balance

Crude Supply Balance is the arithmetic difference, expressed in MB/D, between those factors that make up the availability of crude oil (Supply), i.e., estimated domestic crude oil production plus imports plus or minus the change in crude oil stocks, and those factors that convert or consume crude oil (Disposition), i.e., crude oil refinery inputs, exports, product supplied (used directly as fuel) and losses. A negative volume indicates a supply greater than disposition while a positive number indicates insufficient supply to balance.

Pages 4 and 5—Imports of Crude Oil and Petroleum Products

The estimates of imports published by the API are based on data supplied by reporting companies. These data exclude imports into Puerto Rico and the Virgin Islands but included shipments from Puerto Rico and the Virgin Islands to the U.S. mainland as imports. API classifies all withdrawals from bonded storage as imports.

INTERPRETIVE NOTES

Definitions used by the API throughout the Weekly Statistical Bulletin are the same as those used by the Department of Energy in its monthly and annual Petroleum Statements.

Unleaded gasoline is gasoline containing not more than 0.05 gram of lead per gallon and not more than 0.005 gram of phosphorous per gallon.

Data presented in the Bulletin are for the week ended 7 a.m. Friday. The date specified should not be considered as part of that week when calculating a month's total for production or the interpolation of a month's-end stock figure as of midnight of the last day of the month. *Example: a stock figure for a week ended 7 a.m. on the first of the month should be considered to be as of midnight of the previous month's last day.*

Totals for the U.S. published in the Bulletin exclude data for Puerto Rico, Virgin Islands, and other non-contiguous territories.

Data published in the Weekly Statistical Bulletin are estimates made by the API Finance, Accounting and Statistics Department based on data collected from reporting companies.

Data for the corresponding week of last year are from the published Bulletin for that week and are not adjusted to reflect subsequently published DOE monthly data. Final monthly data are available in the DOE, Petroleum Supply Annual.

ESTIMATED DAILY AVERAGE PRODUCTION OF CRUDE OIL AND LEASE CONDENSATE

(In thousands of 42-gallon barrels)

	API Estimated Production		Dept. of Energy
	JULY 1988	JUNE 1988[r/]	MARCH 1988
Florida	22.0	22.0	22.0
New York-Pennsylvania	10.0	10.0	10.0
Virginia	0.0	0.0	0.0
West Virginia	8.0	7.0	8.0
Illinois	65.0	64.0	65.0
Indiana	11.0	10.0	14.0
Kansas	163.0	164.0	166.0
Kentucky	14.0	14.0	14.0
Michigan	68.0	67.0	68.0
Missouri-Tennessee	2.0	2.0	2.0
Nebraska	16.0	15.0	15.0
Ohio	31.0	30.0	30.0
Oklahoma	361.0	359.0	361.0
North Dakota	110.0	109.0	109.0
South Dakota	5.0	5.0	5.0
Alabama	56.0	56.0	56.0
Arkansas	37.0	37.0	39.0
Mississippi	75.0	74.0	75.0
New Mexico-So. East	176.0	176.0	178.0
New Mexico-Other	19.0	20.0	20.0
North Louisiana	63.0	64.0	66.0
South Louisiana	1,147.0	1,151.0	1,153.0
Total Louisiana	1,210.0	1,215.0	1,219.0
Texas			
District 1	59.0	59.0	59.0
District 2	69.0	69.0	71.0
District 3	253.0	256.0	250.0
District 4	66.0	67.0	70.0
District 5	36.0	37.0	38.0
District 6, East Texas	113.0	114.0	116.0
Other	90.0	91.0	95.0
District 7-B	86.0	88.0	88.0
District 7-C	90.0	92.0	89.0
District 8 and 8-A	1,102.0	1,109.0	1,127.0
District 9	85.0	86.0	89.0
District 10	43.0	44.0	45.0
Total Texas	2,092.0	2,112.0	2,137.0
Colorado	85.0	80.0	89.0
Montana	66.0	65.0	66.0
Utah	94.0	92.0	92.0
Wyoming	318.0	317.0	317.0
Total Districts 1-4	5,114.0	5,122.0	5,177.0
Alaska	1,960.0	1,985.0	2,086.0
Arizona	0.0	0.0	0.0
California	1,073.0	1,070.0	1,069.0
Nevada	8.0	8.0	8.0
Total District 5	3,041.0	3,063.0	3,163.0
TOTAL U.S.	8,155.0	8,185.0[r/]	8,340.0

[r/] Revised: Data currently displayed are based on reported volumes from 37 producing companies. These volumes are estimated to represent 55.7% of lower 48 states production. When combined with reported Alaskan data, the sample represents 66.4% of total U.S. production in June.

API STATISTICAL BULLETIN
WEEK ENDED: AUG. 12, 1988

REVISIONS

07/29/88	PAGE 3	DISTILLATE FUEL	DISTRICT 5 TOTAL	13,273
			TOTAL U.S.	118,381
		RESIDUAL FUEL	DISTRICT 5 TOTAL	7,385
			TOTAL U.S.	40,245
	PAGE 5	RESIDUAL FUEL	LOWER ATLANTIC	78
			DISTRICT 1 TOTAL	432
			TOTAL U.S.	531
		TOTAL	LOWER ATLANTIC	331
			DISTRICT 1 TOTAL	1,832
			TOTAL U.S.	2,788
08/05/88	PAGE 1	TOTAL REFINERY INPUT	TEXAS GULF COAST	3,476
			DISTRICT 3 TOTAL	6,655
			TOTAL U.S.	14,893
			DISTRICTS 1-4	12,173
		CRUDE OIL RUNS	TEXAS GULF COAST	3,141
			DISTRICT 3 TOTAL	6,115
			TOTAL U.S.	13,812
			DISTRICTS 1-4	11,152
		INPUT TO CRUDE OIL	TEXAS GULF COAST	3,153
			DISTRICT 3 TOTAL	6,186
			TOTAL U.S.	13,984
			DISTRICTS 1-4	11,281
		% OPERABLE	TEXAS GULF COAST	88.1
			DISTRICT 3 TOTAL	83.8
			TOTAL U.S.	87.9
			DISTRICTS 1-4	88.9
	PAGE 2	TOTAL MGAS	DISTRICT 5 TOTAL	1,180
			TOTAL U.S.	7,192
		UNLEADED MGAS	DISTRICT 5 TOTAL	885
			TOTAL U.S.	5,789
	PAGE 3	TOTAL MGAS	DISTRICT 3 TOTAL	61,546
			TOTAL U.S.	212,950
			DISTRICTS 1-4	185,525
		LEADED MGAS	DISTRICT 3 TOTAL	10,901
			TOTAL U.S.	43,548
			DISTRICTS 1-4	37,950
		UNLEADED MGAS	DISTRICT 3 TOTAL	35,913
			TOTAL U.S.	133,200
			DISTRICTS 1-4	119,485
		DISTILLATE FUEL	DISTRICT 5 TOTAL	12,072
			TOTAL U.S.	119,483

REVISIONS

	RESIDUAL FUEL	DISTRICT 5 TOTAL	7,746
		TOTAL U.S.	40,209
	UNFINISHED OILS	DISTRICT 3 TOTAL	51,231
		TOTAL U.S.	112,718
		DISTRICTS 1-4	83,728
PAGE 4 T	TOTAL CRUDE OIL IMPORTS	DISTRICTS 1-4 TOTAL	5,375
		TOTAL U.S.	5,749
	CANADIAN CRUDE OIL	DISTRICTS 1-4 TOTAL	601
		TOTAL U.S.	611
	CRUDE OIL STOCKS	DISTRICTS 1-4 TOTAL	277,158
		TOTAL U.S.	347,922
PAGE 4 B	TOTAL	PAD DISTRICT 3	170,384
		TOTAL PAD DISTRICTS 1-4	277,158
		TOTAL U.S.	347,922